



## CLOCK SHAPING DEVICE AND ELECTRONIC INSTRUMENT USING

THE SAME

## BACKGROUND OF THE INVENTION

OK TO ENTER 12/6/05

[0001] Technical Field to which the Invention Belongs

[0002] The present invention relates to a clock shaping device used as an oscillator for network synchronization, and more particularly to a clock shaping device capable of securing synchronization for a certain period even during a free-run, by switching among a reception clock signal with jitter, a back-up clock signal in sync with a clock signal distributed from a master station, and a quartz crystal oscillation circuit held therein.

[0003] Prior Art

[0004] The role of a clock signal in a network is to distribute a common frequency throughout the network to provide synchronization in the network. A range within which the frequency is distributed depends on the basic configuration of the network, and a network of a network